Colchiceine

Inchi:	InChI=1S/C21H23NO6/c1-11(23)22-15-7-5-12-9-18(26-2)20(27-3)21(28-4)19(12)13-6-8-
InchiKey:	PRGILOMAMBLWNG-UHFFFAOYSA-N
Formula:	C21H23NO6
SMILES:	COc1cc2c(c(OC)c1OC)-c1ccc(O)c(=O)cc1C(N=C(C)O)CC2
Mol. weight [g/mol]:	385.41
CAS:	102491-69-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.77		Crippen Method
logp	3.409		Crippen Method
mcvol	284.970	ml/mol	McGowan Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C102491690&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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